

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P599456

Luminaire Tested: **IFLD-L-SA8D-730-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599456  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA8D-730-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (128) 3000K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

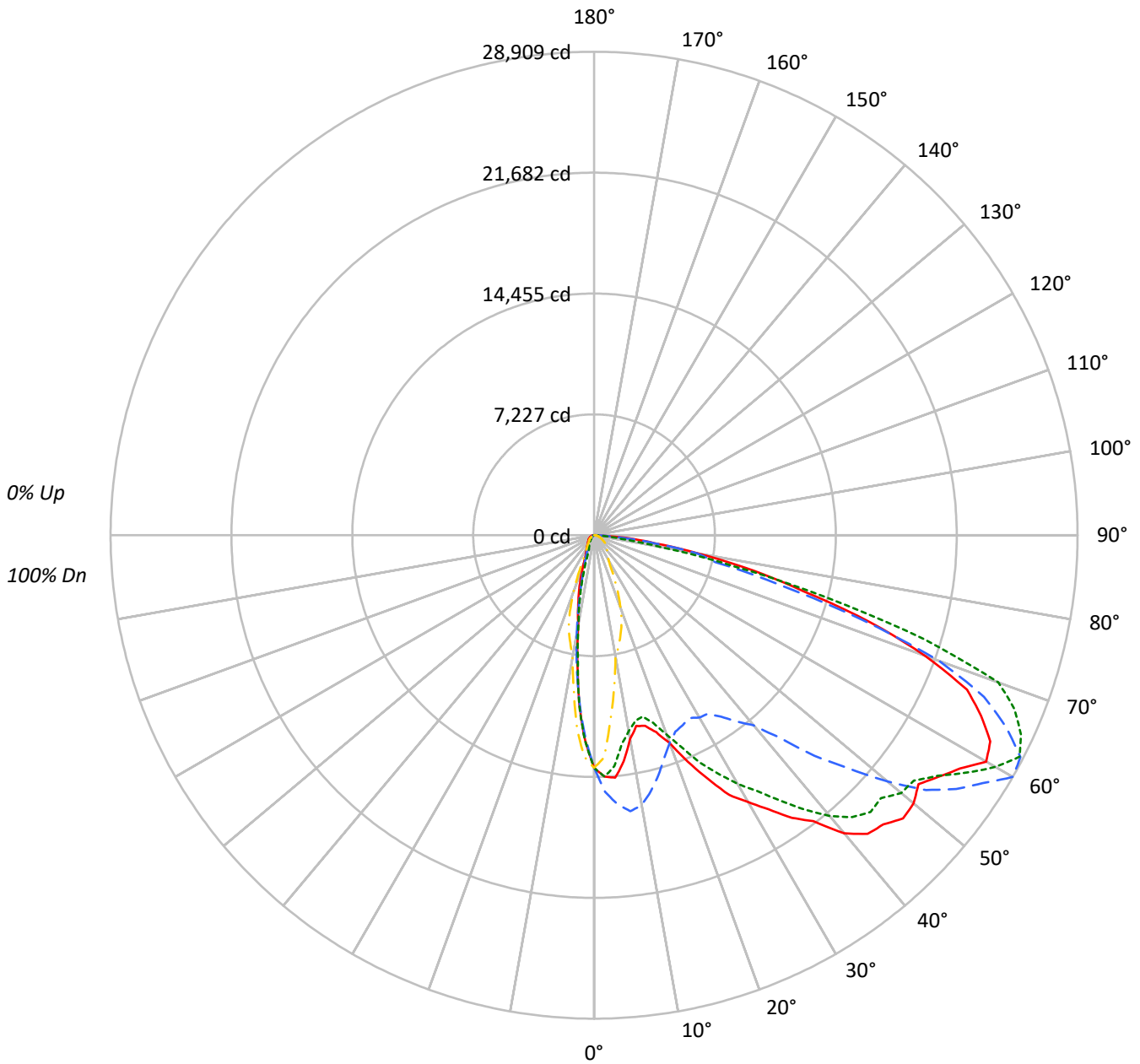
Lumens per Lamp: N/A  
 Luminaire Lumens: 36973.3 lumens  
 Efficiency: N/A  
 Efficacy: 75.7 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 488.3  
 Input Voltage (V): 120  
 Input Current (Ain): NR  
 Voltage Rise (V): NR  
 Power Factor: NR  
 Total Harmonic Distortion (THDi): NR  
 Frequency (hertz): 60  
 Stabilization Time: NR  
 Operation Time: NR  
 Ambient Temperature (°C): NR  
 Test Distance: 25 FT

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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CATALOG NUMBER: IFLD-L-SA8D-730-U-SLL-HSS

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°

TEST NUMBER: P599456  
 CATALOG NUMBER: IFLD-L-SA8D-730-U-SLL-HSS

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	74818	74818	74818	74818
5°	78624	74837	54675	54994
10°	67609	65019	29892	29191
15°	65740	62494	19419	14633
20°	75775	72608	10405	5202
25°	95276	89120	6742	4046
30°	114433	106641	5461	3314
35°	135513	127144	4476	2660
40°	163497	153925	3954	2011
45°	186143	178027	3682	1353
50°	208819	200718	3637	826
55°	236148	235314	3613	371
60°	291409	298317	3295	107
65°	325151	358597	3018	0
70°	331550	404726	2796	0
75°	269777	298521	2670	0
80°	196151	124851	2755	0
85°	126818	52433	3656	0

TEST NUMBER: P599456  
 CATALOG NUMBER: IFLD-L-SA8D-730-U-SLL-HSS

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1056.1	2.9
10°-20°	2071.0	5.6
20°-30°	2865.9	7.8
30°-40°	4050.2	11.0
40°-50°	5514.5	14.9
50°-60°	7303.6	19.8
60°-70°	8480.0	22.9
70°-80°	4802.3	13.0
80°-90°	829.8	2.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	5993.0	16.2
0°-40°	10043.2	27.2
0°-60°	22861.3	61.8
0°-90°	36973.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	36973.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	13902	13902	13902	13902	13902	
5°	14553	13852	10120	10179	14553	1307
15°	11799	11216	3485	2626	11799	3461
25°	16044	15008	1135	681	16044	7483
35°	20626	19352	681	405	20626	13002
45°	24456	23390	484	178	24456	18961
55°	25167	25078	385	40	25167	22802
65°	25532	28159	237	0	25532	24890
75°	12974	14356	128	0	12974	14159
85°	2054	849	59	0	2054	2467
90°	0	0	0	0	0	

TEST NUMBER: P599456  
 CATALOG NUMBER: IFLD-L-SA8D-730-U-SLL-HSS

**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7
2.5°	14444.7	14750.8	14760.7	14898.9	15037.1	15037.1	15363.0	15284.0	14997.6	14948.3	14740.9
5°	14553.3	14661.9	14740.9	15441.9	16034.3	15975.1	16152.8	16034.3	15481.4	14770.6	14286.8
7.5°	13615.4	13733.9	14049.8	15244.5	16044.2	16310.8	16646.5	15906.0	15323.5	14039.9	13111.8
10°	12371.3	12598.4	13180.9	14543.5	15530.8	16379.9	16379.9	15787.5	14661.9	13408.0	12272.6
12.5°	11680.2	12134.4	12450.3	13832.6	15116.1	15698.7	15678.9	15363.0	14632.3	13052.6	11769.1
15°	11798.7	11927.0	12598.4	13674.6	14523.7	14494.1	14849.5	14750.8	14237.4	13368.5	11956.6
17.5°	12341.7	12539.2	13121.7	13674.6	14079.4	13960.9	13951.1	14425.0	14454.6	13901.7	12657.7
20°	13230.3	13812.8	14089.3	14257.1	13763.5	13259.9	13200.7	13862.2	14375.6	14583.0	13496.9
22.5°	14652.1	15037.1	15599.9	14740.9	13457.4	12825.5	12707.0	13437.6	14474.4	15392.6	14583.0
25°	16044.2	16340.4	16883.5	15777.6	13803.0	12736.6	12529.3	13161.2	14849.5	16518.1	15896.1
27.5°	17515.3	17772.1	17831.3	16537.9	13990.6	12558.9	12312.1	13161.2	15165.5	17110.5	17466.0
30°	18413.8	18719.9	18779.1	17209.3	14296.6	12707.0	12588.5	13220.4	15382.7	17614.1	18591.5
32.5°	19420.9	19499.9	19450.5	17327.8	14632.3	13141.4	12647.8	13615.4	15629.5	18216.4	19618.4
35°	20625.5	20763.7	20260.1	17870.8	15382.7	13417.9	13240.2	14099.2	16054.1	18492.8	20862.4
37.5°	21543.7	21978.1	20842.7	18078.1	15530.8	14000.4	14030.1	15106.2	16350.3	18828.5	22234.8
40°	23271.5	22540.9	21830.0	18789.0	16093.6	14987.8	14829.8	16143.0	17347.5	19045.7	23133.3
42.5°	24219.4	23834.3	22215.1	18858.1	16962.4	16350.3	16389.8	17317.9	17870.8	19657.9	23380.1
45°	24456.3	24051.5	22738.4	18907.5	17821.4	17959.7	18640.9	18818.6	18640.9	20062.7	23844.2
47.5°	25058.6	24179.9	22679.1	19569.0	19213.6	19746.7	20615.6	21000.6	19687.5	19914.6	24061.4
50°	24940.1	24436.6	22550.8	19845.5	20911.8	22323.7	22906.2	22748.2	20852.5	19608.5	23824.4
52.5°	24446.5	23903.4	22945.7	20595.8	22501.4	24209.5	25019.1	24624.2	21889.3	20299.6	23666.5
55°	25167.2	24752.5	23459.1	21612.8	23696.1	25868.2	26440.9	26144.7	23162.9	20941.4	24564.9
57.5°	25947.2	25858.3	24851.3	22807.5	25108.0	27576.3	27576.3	27211.0	24268.7	21869.5	25897.8
60°	27072.8	27270.2	25878.1	23597.3	25591.8	27477.6	28909.2	28484.7	25384.4	23498.6	27408.5
62.5°	26707.5	27339.3	27201.1	25295.6	26144.7	27961.4	28741.4	29057.3	26766.7	25483.2	29422.6
65°	25532.5	26203.9	27191.2	26411.3	25730.0	26786.4	27181.4	28139.1	27457.8	27349.2	30252.0
67.5°	24130.5	24861.1	25473.3	27161.6	24890.8	25591.8	25246.2	25552.3	26707.5	29393.0	30725.9
70°	21069.8	21770.8	22738.4	25493.0	22669.2	22037.4	21948.5	21800.4	23597.3	28662.4	28573.5
72.5°	17327.8	17653.6	19253.1	20724.2	16774.8	16656.4	16794.6	16626.7	18710.0	25947.2	24476.1
75°	12973.6	13299.4	14207.8	15915.9	11423.5	10742.2	11532.1	12312.1	14286.8	20141.7	17584.5
77.5°	9754.9	10169.6	10742.2	11907.3	8382.5	7316.2	7424.8	8165.3	10327.5	16133.1	9853.6
80°	6328.8	6279.5	7385.3	8194.9	6309.1	6506.5	6230.1	6773.1	7484.0	8629.3	5035.4
82.5°	3653.1	3702.5	4166.6	4699.7	4393.6	5025.5	3623.5	6052.4	5341.5	3514.9	1875.9
85°	2053.7	2142.5	2567.1	3258.2	2754.7	1846.3	1510.6	3001.5	3356.9	1441.5	908.3
87.5°	207.3	177.7	345.6	1234.2	750.4	306.1	454.2	720.8	809.6	543.0	266.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P599456  
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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7
2.5°	14444.7	14444.7	14197.9	13783.2	13615.4	13319.2	12914.4	13042.7	12904.5	12400.9	12272.6
5°	13852.3	13378.4	12865.0	12233.1	11867.8	11117.4	10880.4	10455.9	10525.0	10100.5	10120.2
7.5°	12618.2	12243.0	11374.1	10544.8	9824.0	9172.4	8254.1	7908.6	7572.9	7405.0	7602.5
10°	11897.4	11196.4	10011.6	8925.5	7967.8	7385.3	6773.1	6299.2	5864.8	5539.0	5469.8
12.5°	11374.1	10752.1	9320.5	7997.4	7247.0	6773.1	6210.3	5558.7	5134.1	4571.4	4403.5
15°	11216.1	10455.9	8945.3	7632.1	6901.5	6121.5	5479.7	4837.9	4285.0	3692.6	3485.3
17.5°	11759.2	10880.4	8935.4	7335.9	6309.1	5469.8	4581.2	3860.5	3297.7	2754.7	2626.3
20°	12677.4	11334.6	9221.7	7158.2	5746.3	4620.7	3613.7	2892.9	2261.0	1905.6	1816.7
22.5°	13724.0	12104.7	9251.3	6684.3	5183.5	3771.6	2636.2	1905.6	1550.1	1382.3	1332.9
25°	15007.5	13338.9	9606.8	6299.2	4522.0	2863.3	1875.9	1461.3	1253.9	1155.2	1135.4
27.5°	16064.0	14197.9	9991.8	5894.4	3870.4	2122.8	1471.1	1194.7	1086.1	987.3	977.5
30°	17159.9	15185.2	10100.5	5647.6	3307.6	1747.6	1263.8	1056.5	938.0	888.6	878.7
32.5°	18117.6	16261.4	10446.0	5242.8	2774.4	1540.2	1145.3	947.8	868.9	789.9	780.0
35°	19351.8	16883.5	10613.9	5025.5	2576.9	1392.1	1046.6	868.9	750.4	701.0	681.3
37.5°	20674.8	17485.7	10722.5	4857.7	2409.1	1303.3	987.3	819.5	710.9	641.8	622.0
40°	21909.0	18334.8	10564.5	4650.4	2280.7	1194.7	947.8	760.2	661.5	592.4	562.8
42.5°	22856.8	19164.2	10515.1	4452.9	2142.5	1155.2	898.5	730.6	622.0	543.0	533.2
45°	23390.0	19727.0	10169.6	4294.9	2033.9	1174.9	878.7	691.1	592.4	523.3	483.8
47.5°	23261.6	20161.4	10258.4	4245.5	1885.8	1095.9	868.9	661.5	543.0	483.8	454.2
50°	23972.5	21040.1	10110.3	4087.6	1777.2	987.3	947.8	661.5	533.2	464.0	434.4
52.5°	24091.0	21839.9	10426.3	3801.2	1609.4	908.3	938.0	651.6	513.4	444.3	404.8
55°	25078.3	22768.0	11038.4	3643.3	1471.1	789.9	859.0	631.9	464.0	404.8	385.1
57.5°	26421.1	24693.3	11433.4	3495.2	1283.5	691.1	720.8	622.0	424.6	375.2	345.6
60°	27714.5	25463.4	11463.0	3228.6	1105.8	622.0	562.8	622.0	394.9	335.7	306.1
62.5°	28682.1	25463.4	11265.5	3001.5	967.6	552.9	493.7	592.4	355.4	296.2	276.5
65°	28158.8	24782.1	10752.1	2813.9	878.7	483.8	424.6	454.2	315.9	256.7	237.0
67.5°	27220.9	22659.4	9616.7	2586.8	868.9	424.6	365.3	335.7	276.5	227.1	207.3
70°	25720.1	19796.1	8007.3	2330.1	849.1	385.1	325.8	286.3	246.8	197.5	177.7
72.5°	20724.2	16350.3	6575.7	2182.0	829.4	335.7	276.5	246.8	207.3	167.8	148.1
75°	14355.9	10446.0	5065.0	1866.1	809.6	306.1	256.7	217.2	177.7	138.2	128.4
77.5°	8609.6	6980.5	3268.1	1402.0	533.2	246.8	217.2	167.8	148.1	118.5	108.6
80°	4028.3	3297.7	1323.0	543.0	256.7	177.7	148.1	128.4	118.5	98.7	88.9
82.5°	1579.7	1392.1	641.8	315.9	207.3	138.2	118.5	108.6	98.7	79.0	69.1
85°	849.1	750.4	306.1	217.2	148.1	98.7	98.7	88.9	79.0	69.1	59.2
87.5°	187.6	138.2	128.4	128.4	108.6	79.0	79.0	69.1	59.2	49.4	39.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P599456  
 CATALOG NUMBER: IFLD-L-SA8D-730-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7
2.5°	12203.5	12351.6	12114.6	12262.7	12055.4	12213.4	12233.1	12085.0	12124.5	12322.0	12410.8
5°	10396.7	10297.9	10080.7	10011.6	10021.5	9893.1	9942.5	10011.6	10120.2	10179.4	10357.2
7.5°	7493.9	7721.0	7711.1	7878.9	7888.8	7869.1	7730.8	7434.6	7533.4	7454.4	7553.1
10°	5361.2	5460.0	5647.6	5756.2	5953.6	5845.0	5529.1	5410.6	5351.4	5341.5	5440.2
12.5°	4285.0	4048.1	4028.3	4067.8	4166.6	4038.2	3880.2	3742.0	3811.1	3949.3	4058.0
15°	3317.5	3120.0	2863.3	2823.8	2843.5	2784.3	2616.4	2438.7	2488.1	2626.3	2705.3
17.5°	2547.3	2320.2	2142.5	2024.0	1984.5	1777.2	1530.4	1382.3	1342.8	1332.9	1402.0
20°	1718.0	1678.5	1648.9	1500.8	1500.8	1204.6	997.2	888.6	888.6	908.3	918.2
22.5°	1283.5	1234.2	1244.0	1214.4	1135.4	898.5	789.9	760.2	760.2	780.0	780.0
25°	1115.7	1046.6	1026.8	1017.0	938.0	770.1	691.1	661.5	661.5	681.3	681.3
27.5°	947.8	928.1	898.5	859.0	789.9	661.5	612.1	582.5	592.4	602.3	592.4
30°	868.9	819.5	780.0	780.0	701.0	592.4	552.9	533.2	513.4	533.2	543.0
32.5°	770.1	740.5	720.8	691.1	602.3	523.3	483.8	464.0	454.2	454.2	464.0
35°	661.5	661.5	641.8	602.3	523.3	473.9	424.6	404.8	394.9	404.8	404.8
37.5°	592.4	562.8	572.7	533.2	464.0	414.7	365.3	345.6	345.6	335.7	345.6
40°	552.9	503.5	473.9	454.2	414.7	355.4	315.9	296.2	286.3	286.3	286.3
42.5°	493.7	454.2	394.9	385.1	375.2	306.1	256.7	246.8	237.0	227.1	227.1
45°	464.0	404.8	355.4	306.1	306.1	256.7	217.2	197.5	187.6	177.7	187.6
47.5°	424.6	365.3	306.1	256.7	246.8	207.3	167.8	148.1	138.2	138.2	138.2
50°	404.8	325.8	266.6	217.2	187.6	167.8	128.4	108.6	98.7	98.7	98.7
52.5°	375.2	306.1	237.0	187.6	148.1	128.4	98.7	79.0	69.1	69.1	69.1
55°	335.7	276.5	207.3	158.0	128.4	98.7	69.1	49.4	39.5	39.5	39.5
57.5°	315.9	246.8	177.7	138.2	98.7	69.1	39.5	29.6	29.6	19.7	29.6
60°	286.3	217.2	148.1	108.6	79.0	49.4	29.6	9.9	9.9	9.9	9.9
62.5°	246.8	187.6	128.4	88.9	59.2	29.6	9.9	0.0	0.0	0.0	0.0
65°	207.3	148.1	98.7	69.1	39.5	9.9	0.0	0.0	0.0	0.0	0.0
67.5°	177.7	128.4	79.0	49.4	29.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	158.0	108.6	59.2	39.5	9.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	128.4	88.9	49.4	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	108.6	69.1	29.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	88.9	49.4	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	69.1	39.5	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	59.2	29.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	39.5	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	29.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





TEST NUMBER: P599456  
 CATALOG NUMBER: IFLD-L-SA8D-730-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7	13901.7
2.5°	12539.2	12479.9	12776.1	13259.9	13506.8	13990.6	14109.0	14415.1	14336.1	14444.7
5°	10376.9	10495.4	10929.8	11640.7	11897.4	12598.4	13259.9	13921.4	14346.0	14553.3
7.5°	7701.2	8096.2	8629.3	9281.0	9942.5	10860.7	11986.3	12756.4	13171.1	13615.4
10°	5736.4	6161.0	6773.1	7414.9	8491.1	9517.9	10643.5	11601.2	11956.6	12371.3
12.5°	4512.1	5173.6	5884.5	6575.7	7217.4	8194.9	9587.0	10979.2	11364.2	11680.2
15°	3139.7	3949.3	4966.3	5864.8	6763.3	7612.4	9053.9	10742.2	11265.5	11798.7
17.5°	1737.7	2379.5	3544.5	4808.3	6131.4	7434.6	9231.6	11176.6	11966.5	12341.7
20°	1007.1	1263.8	2093.2	3593.9	5341.5	7049.6	9320.5	11996.1	13042.7	13230.3
22.5°	829.4	918.2	1184.8	2251.1	4373.9	6802.7	9774.6	13141.4	14207.8	14652.1
25°	710.9	780.0	918.2	1352.7	3307.6	6279.5	10061.0	14573.1	15560.4	16044.2
27.5°	631.9	701.0	809.6	997.2	2251.1	5558.7	10534.9	15866.5	16853.8	17515.3
30°	552.9	612.1	720.8	849.1	1560.0	4749.1	10939.7	16814.3	18206.5	18413.8
32.5°	493.7	543.0	622.0	730.6	1155.2	3603.8	11265.5	17791.8	18966.7	19420.9
35°	424.6	483.8	533.2	622.0	878.7	2715.2	11068.0	18552.1	20082.4	20625.5
37.5°	375.2	414.7	464.0	523.3	740.5	2122.8	10663.2	19460.4	21040.1	21543.7
40°	315.9	345.6	404.8	464.0	671.4	1639.0	10199.2	20556.3	22382.9	23271.5
42.5°	266.6	296.2	335.7	434.4	552.9	1214.4	9261.2	21405.5	23469.0	24219.4
45°	207.3	246.8	306.1	434.4	444.3	898.5	8293.6	22037.4	24081.1	24456.3
47.5°	158.0	197.5	296.2	375.2	355.4	622.0	7148.3	22758.1	24713.0	25058.6
50°	118.5	158.0	335.7	325.8	296.2	473.9	6427.6	23261.6	24752.5	24940.1
52.5°	79.0	118.5	276.5	246.8	246.8	414.7	6230.1	23241.9	24851.3	24446.5
55°	59.2	88.9	158.0	177.7	217.2	365.3	6052.4	23982.4	24880.9	25167.2
57.5°	39.5	69.1	108.6	138.2	187.6	315.9	5687.1	24871.0	25799.1	25947.2
60°	19.7	49.4	79.0	108.6	158.0	276.5	5173.6	25522.6	26914.8	27072.8
62.5°	9.9	29.6	59.2	88.9	128.4	217.2	4640.5	24485.9	26431.0	26707.5
65°	0.0	19.7	39.5	59.2	79.0	158.0	3771.6	22106.5	24515.6	25532.5
67.5°	0.0	0.0	19.7	39.5	49.4	118.5	2843.5	20112.0	22748.2	24130.5
70°	0.0	0.0	9.9	9.9	29.6	88.9	1816.7	16656.4	20309.5	21069.8
72.5°	0.0	0.0	0.0	0.0	9.9	59.2	1056.5	12371.3	15915.9	17327.8
75°	0.0	0.0	0.0	0.0	0.0	49.4	533.2	7957.9	11077.9	12973.6
77.5°	0.0	0.0	0.0	0.0	0.0	39.5	286.3	5134.1	8165.3	9754.9
80°	0.0	0.0	0.0	0.0	0.0	9.9	167.8	2981.8	5223.0	6328.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	69.1	1461.3	3120.0	3653.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	19.7	780.0	1560.0	2053.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.6	108.6	207.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)